

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	29	(BRUN.in. or CARLIER.in. or PIZON.in.) and (exhaust near4 gas) and ( engine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:13
S2	3	(BRUN.in. or CARLIER.in. or PIZON.in.) and (exhaust near4 gas) and ( engine) and (blade or fan or blower or swirl\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:13
S3	477	((exhaust near4 gas) and ( engine) and (blade or fan or blower or swirl\$4) and ((blade or fan or blower or swirl \$4) near4 exhaust) ).CLM.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:13
S4	15	((exhaust near4 gas) and (engine) and (blade or fan or blower or swirl\$4) and (open or opening or hole or perforat\$4) and ((open or opening or hole or perforat \$4) near4 (hub))). CLM.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:13
S5	7	((exhaust near4 gas) and ( engine) and (blade or fan or blower or swirl\$4) and (hub) and (flow \$4 near4 rate) ). CLM.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:13

S6	4	((exhaust near4 gas) and (engine) and (blade or fan ) and (open or opening or hole or perforat\$4) and ((open or opening or hole or perforat \$4) near4 (hub)) and (ring)).CLM.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:13
S7	2	((exhaust near4 gas) and ( engine) and (blade or fan or blower or swirl\$4) and (hub) and (flow \$4 near4 rate) and (open or opening or hole or perforat\$4) and (ring)).CLM.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:13
S8	30	(US-20050005594-\$).did. or (US-4931026-\$ or US-7073626-\$ or US-7104251-\$ or US-6895756-\$ or US-5203164-\$ or US-3640642-\$ or US-4180368-\$ or US-4331429-\$ or US-4875829-\$ or US-5284018-\$ or US-5286164-\$ or US-7174709-\$ or US-4825652-\$ or US-5941069-\$ or US-6805092-\$ or US-5542249-\$ or US-6158412-\$ or US-5943856-\$ or US-4352638-\$ or US-4909346-\$ or US-4186603-\$ or US-7383919-\$ or US-6810992-\$ or US-6745562-\$).did. or (US-3126263-\$ or US-3477227-\$ or US-2372765-\$ or US-2518660-\$ or US-1753906-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/29 11:13

S9	437	(exhaust near4 gas) and ( engine) and (blade or fan or blower or swirl\$4) and (hub) and (flow \$4 near4 rate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S10	394	(exhaust near4 gas) and ( engine) and (blade or fan or blower or swirl\$4) and (hub) and (flow \$4 near4 rate) and (open or opening or hole or perforat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S11	37	(exhaust near4 gas) and ( engine) and (blade or fan or blower or swirl\$4) and (hub) and (flow \$4 near4 rate) and (open or opening or hole or perforat\$4) and (dilut\$4 near4 gas)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S12	275	(exhaust near4 gas) and ( engine) and (blade or fan or blower or swirl\$4) and (hub) and (flow \$4 near4 rate) and (open or opening or hole or perforat\$4) and (ring)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S13	48	(exhaust near4 gas) and ( engine) and (blade or fan or blower or swirl\$4) and (hub) and (flow \$4 near4 rate) and (open or opening or hole or perforat\$4) and (ring) and (dilut \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14

S14	72	(exhaust near4 gas) and ( engine) and (blade or fan or blower or swirl\$4) and ((blade or fan or blower or swirl \$4) near4 exhaust) and (flow\$4 near4 rate) and (flow\$4 near4 (reduc\$4 or restric\$4)) and ((open or opening or hole or perforat \$4) near4 (center or central))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S15	102	(exhaust near4 gas) and ( engine) and (blade or fan or blower or swirl\$4) and ((blade or fan or blower or swirl \$4) near4 (exhaust) near4 (pipe or tube) ) and (60/272-324.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S16	35	(exhaust near4 gas) and ( engine) and (blade or fan or blower or swirl\$4) and ((blade or fan or blower or swirl \$4) near4 (exhaust) near4 (pipe or tube) ) and (hub)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S17	287	(exhaust near4 gas) and (engine) and (blade or fan or blower or swirl\$4) and (open or opening or hole or perforat\$4) and ((open or opening or hole or perforat \$4) near4 (hub))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14

S18	184	(exhaust near4 gas) and (engine) and (blade or fan ) and (open or opening or hole or perforat\$4) and ((open or opening or hole or perforat\$4) near4 (hub)) and (ring)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S19	26	(exhaust near4 gas) and (engine) and (blade or fan ) and (open or opening or hole or perforat\$4) and ((open or opening or hole or perforat\$4) near4 (hub) near4 (center or central or middle)) and (ring)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S20	24	(exhaust near4 gas) and ( engine) and (blade or fan or blower or swirl\$4) and ((blade or fan or blower or swirl \$4) near4 exhaust) and (hub with (open or opening or hole or perforat \$4)) and (balanc\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S21	71	(blade or fan or blower or swirl\$4) and ((blade or fan or blower or swirl \$4) near4 exhaust) and (hub near4 (open or opening or hole or perforat \$4)) and (balanc\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S22	210	416/94.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14

S23	1261	(exhaust near4 gas) and (engine) and (blade or fan or blower or swirl\$4) and (open or opening or hole or perforat\$4) and (60/287-324.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S24	902	(exhaust near4 gas) and (engine) and (blade or fan or blower ) and (open or opening or hole or perforat\$4) and (60/287-324.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S25	390	(exhaust near4 gas) and (engine) and (blade or fan or blower ) and (open or opening or hole or perforat\$4) and (hub or center) and (60/287-324.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S26	21	("1340158"   "1761971"   "1797310"   "1818469"   "2063270"   "2076827"   "2158030"   "2359365"   "2663378"   "3966443"   "4533015"   "6588545").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/29 11:14
S27	1	("7073626").URPN.	USPAT	OR	ON	2009/04/29 11:14
S28	4	("1761971").URPN.	USPAT	OR	ON	2009/04/29 11:14
S29	3	("2158030").URPN.	USPAT	OR	ON	2009/04/29 11:14
S30	6	("2076827").URPN.	USPAT	OR	ON	2009/04/29 11:14

S31	29	("0867973"   "0896606"   "1019571"   "1276935"   "1473235"   "1885062"   "2076827"   "2679230"   "3000465"   "3558084"   "4385585"   "4694653"   "4694654"   "4813368"   "4886978"   "4966253"   "5334071"   "6006859"   "6343673"   "6367580").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/29 11:14
S32	3	("6810992").URPN.	USPAT	OR	ON	2009/04/29 11:14
S33	6	("867973").URPN.	USPAT	OR	ON	2009/04/29 11:14
S34	189	"181"/"225".CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S35	302	415/103.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S36	0	(415/103.ccls.) and (exhaust near4 gas) and ( engine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S37	3	(415/103.ccls.) and (exhaust ) and ( engine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14

S38	36	(415/103.ccls.) and (exhaust )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S39	177	60/315.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S40	172	415/202.ccls. and (exhaust)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S41	70	(exhaust near4 gas) and ( engine) and (blade or fan or blower or swirl\$4) and (hub) and (flow \$4 near4 rate) and (open or opening or hole or perforat\$4) and (exhaust near4 (mix\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S42	1665	(exhaust near4 gas) and (engine) and (blade or fan or blower ) and (open or opening or hole or perforat\$4) and (hub or center) and (exhaust near4 (mix \$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S43	92	(exhaust near4 gas) and (engine) and (blade or fan or blower ) and (open or opening or hole or perforat\$4) and (hub or center) and (exhaust near4 (mixer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14



S44	323	(exhaust near4 gas) and ( engine) and (blade or fan or blower or swirl\$4) and (diffus\$4) and (flow\$4 near4 rate) and (open or opening or hole or perforat\$4) and (exhaust near4 (mix \$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S45	39	(exhaust near4 gas) and ( engine) and (blade or fan or blower or swirl\$4) and (diffus\$4) and (flow\$4 near4 rate) and (open or opening or hole or perforat\$4) and (exhaust near4 (mix \$4)) and (60/272-324.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S46	41	(exhaust near4 gas) and ( engine) and (blade or fan or blower or swirl\$4) and (divert\$4) and (flow\$4 near4 rate) and (open or opening or hole or perforat\$4) and (exhaust near4 (mix \$4)) and (60/272-324.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S47	20	(exhaust near4 gas) and ( engine) and (blade or fan or blower or swirl\$4) and (diverter) and (flow\$4 near4 rate) and (open or opening or hole or perforat\$4) and (60/272-324.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14

S48	48	(exhaust near4 gas) and ( engine) and (blade or fan or blower or swirl\$4) and (diverter) and (open or opening or hole or perforat\$4) and (60/272-324.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S49	66	(exhaust near4 gas) and ( engine) and (blade or fan or blower or swirl\$4) and (binh.xp.) and (60/272-324.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S50	467	(exhaust near4 gas) and ( engine) and (binh.xp.) and (60/272-324.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S51	120	(exhaust near4 gas) and ( engine) and (exhaust near4 (mix \$4)) and (binh.xp.) and (60/272-324.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S52	12	(exhaust near4 gas) and ( engine) and ( (mixer)) and (binh.xp.) and (60/272-324.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S53	2	(exhaust near4 gas) and ( engine) and ( (diffusor)) and (binh.xp.) and (60/272-324.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S54	10	("239"/\$.ccls.) and (binh.xp.) and (60/272-324.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14

S55	11	("4872528"   "6203770"   "6449947"   "6540046"   "6601385"   "6712869"   "6722123"   "6722124"   "6745562"   "7065958"   "7152396").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/29 11:14
S56	18	("3838977"   "3964875"   "4039294"   "4183896"   "4328188"   "4374803"   "4383974"   "4601168"   "4685534"   "5150573"   "5185998"   "5202097"   "5484575"   "5904042"   "5962822"   "6024189"   "6449947"   "6588545").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/29 11:14
S57	3	("6745562").URPN.	USPAT	OR	ON	2009/04/29 11:14
S59	31	(exhaust near4 gas) and ( engine) and (blade or fan or blower or swirl\$4) and (hub) and (open or opening or hole or perforat\$4) and (exhaust near4 (mixer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14
S60	196	(exhaust near4 gas) and ( engine) and (blade or fan or blower or swirl\$4) and (open or opening or hole or perforat\$4) and (exhaust near4 (mixer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:14

S61	315	(exhaust near4 gas) and ( engine) and (blade or fan or blower or swirl\$4) and (hub) and (open or opening or hole or perforat\$4) and (exhaust near4 (mix\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 13:00
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**5/ 10/ 2009 11:59:05 PM**

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